WiiM Pro: Hi-Res Music Streamer

Stream Like a Pro.

Model Name: WiiM Pro

Model Number: ASR002

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1. Introduction

At WiiM, our goal is to offer you the simplest and most affordable Hi-Fi, lossless audio systems. Every product we create showcases top-tier design and an intuitive user interface.

With our patented audio streaming solution integrated into all our premium products and user-friendly mobile apps, you can effortlessly enjoy music throughout your entire home.

Introducing the WiiM Pro, an exceptionally versatile network music streamer that stands out in the market. With features like Google Cast, AirPlay 2, Spotify Connect, TIDAL Connect, DLNA, Roon Ready, MQA, Alexa Cast, and seamless playback of Hi-Res 192 kHz/24-bit lossless audio, it transforms your stereo system. Enjoy cloud-based music services or your own library via Wi-Fi or Ethernet.

Simply plug the WiiM Pro into your stereo receiver, DAC, or amplifier, and control it using the user-friendly WiiM Home app, popular platforms like Spotify, TIDAL, or any Google Cast-enabled apps. Voice control is also a breeze through iPhone, HomePod, compatible Echo and Google Home devices, as well as the Alexa app, Google Home, or Apple Home app.

Create synchronized groups with HomePods, Echoes, Google Home, AirPlay 2 devices, other Alexa-compatible devices, or additional WiiM devices, streaming music throughout your home or playing different tracks in separate rooms. Boasting both digital and analog audio inputs and outputs, the WiiM Pro seamlessly integrates with your existing stereo setup.

Elevate your audio gear with the smart capabilities of the WiiM Pro, delivering high-fidelity, gapless music through the exceptional innovation of WiiM.

1.1. Typical Use Cases

The WiiM Pro is designed to enhance your existing audio setup by adding wireless streaming capabilities and smart features. Here are a few common use cases for the WiiM Pro:

- **Upgrade your Favorite Legacy Audio Systems**: If you have a traditional stereo system or speakers that you want to integrate into your Apple AirPlay 2, Google Cast, Alexa Cast or WiiM ecosystem, the WiiM Pro allows you to wirelessly stream music to those speakers. It bridges the gap between your older audio equipment and the modern world of streaming music.

- **High-Quality Audio**: It supports bit-perfect, high-resolution audio formats and delivers rich, detailed sound, enhancing the listening experience of your existing audio system.

- **Streaming Services and Music Libraries**: The WiiM Pro allows you to access various streaming services such as Spotify or TIDAL, bringing a wide range of music to your existing audio setup. You can also connect it to your personal music library stored on a computer or network-attached storage device for seamless playback.

- **Podcasts and Internet Radio**: In addition to streaming music, the WiiM Pro provides access to a wide range of podcasts and internet radio stations. You can browse through different genres, podcasts, or specific radio stations to enjoy on your existing audio system.

- **Multi-room Audio**: The WiiM Pro seamlessly integrates with other 3rd party popular smart speakers and components, or another WiiM devices, allowing you to create a whole-home audio system with synchronized music playback in multiple rooms.

- **Smart Home Integration**: The WiiM Pro supports voice control through platforms like Apple Siri, Alexa, or Google Assistant, allowing you to control your music hands-free and integrate with other smart home devices.

- **Vinyl or CD Integration**: If you want to incorporate your turntable or CD player into the WiiM system, simply connect your WiiM Pro to the analog or digital outputs of these devices. This allows you to play the audio across your WiiM devices all in sync, filling your home with music.

- **Home Theater Integration**: The WiiM Pro can be used as a bridge between your home theater system and the WiiM ecosystem. By connecting the Pro to your AV receiver or soundbar, you can stream music wirelessly to your home theater speakers and synchronize audio playback with other WiiM devices for a cohesive audio experience.

1.2. Other Devices Needed to Use the WiiM Pro

To use the WiiM Pro, you will need a few essential devices and components. Here's a list of what you'll need:

- **Audio System**: The WiiM Pro is designed to connect to an existing audio system. This can be a stereo system, powered speakers, passive speakers with an amplifier/receiver, or a home theater setup with an AV receiver or soundbar. Make sure you have the appropriate audio system in place.

- **Wi-Fi Network**: The WiiM Pro requires a stable Wi-Fi network connection to function. Ensure that you have a reliable Wi-Fi network available in the area where you plan to set up the WiiM Pro. You'll need the Wi-Fi network credentials during the setup process.

- **Smartphone or Tablet**: You'll need a compatible smartphone or tablet (iOS or Android) with the WiiM Home app installed. The WiiM Home app is used for initial setup, configuration, and control of the WiiM Pro.

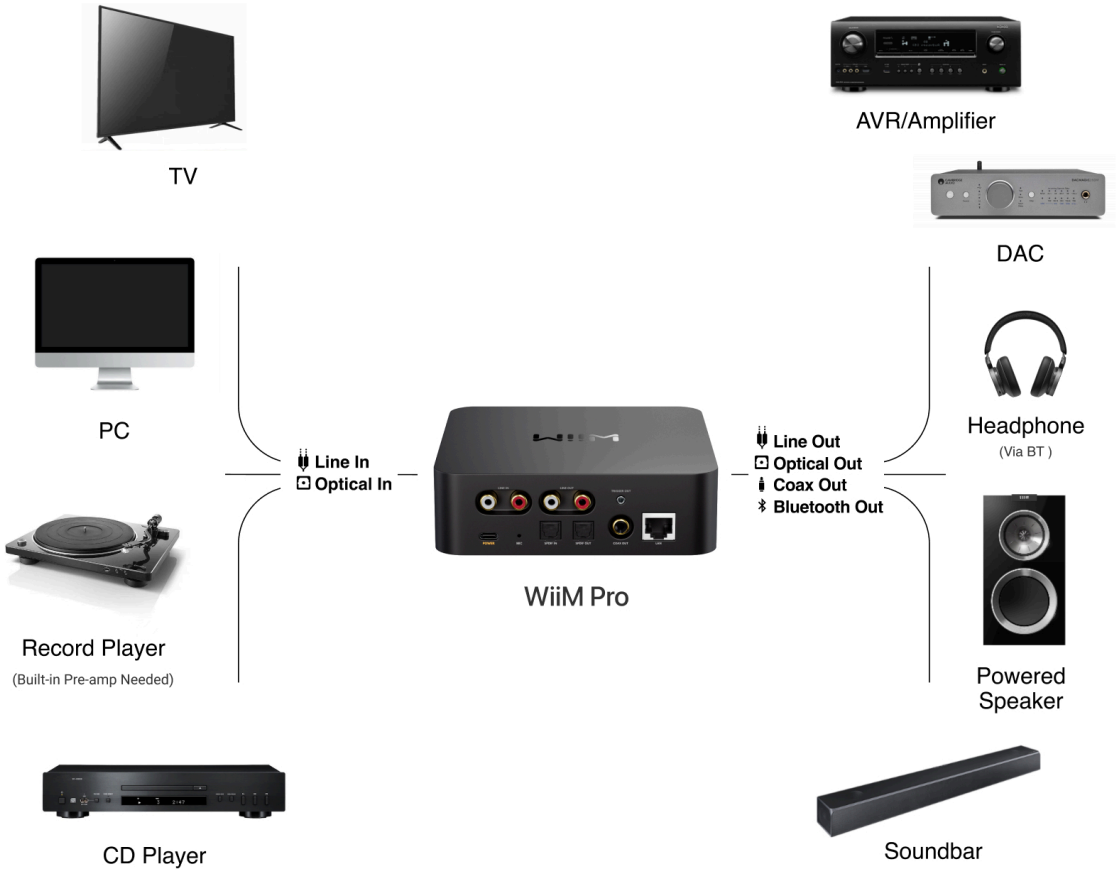
- **Power Source**: The WiiM Pro needs to be connected to a power source using the included power adapter and cable. Ensure that you have an electrical outlet nearby to power the device.

- **Ethernet Cable** (optional): While the WiiM Pro primarily connects to your Wi-Fi network, it also has an Ethernet port. If you prefer a wired connection for added stability, you can use an Ethernet cable to connect the WiiM Pro directly to your router or network switch.

These are the core components required to use the WiiM Pro. It's important to have an audio system that you want to integrate with the WiiM Pro, a stable Wi-Fi network, and a compatible device with the WiiM Home app for setup and control.

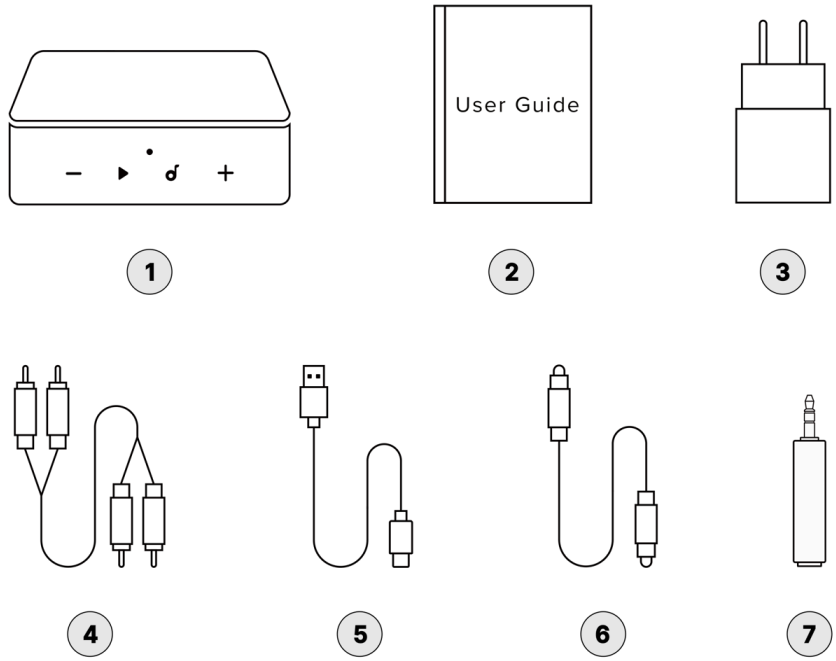
1.3. Audio Devices Work with the WiiM Pro

The WiiM Pro can work with your audio source devices, smart speakers and other legacy stereo systems, DAC, amplifier, speakers or soundbars etc. The audio source device includes TV, record player and MP3 player. The diagram below shows how you can connect your audio system with the WiiM Pro.


TV
AVR/Amplifier
DAC
PC
Headphone
(Via BT)
Line In
Optical In
Line Out
Optical Out
Coax Out
Bluetooth Out
WiiM Pro
Record Player
(Built-in Pre-amp Needed)
Powered
Speaker
CD Player
Soundbar

2. What's in the Box

1.	WiiM Pro	x 1
2.	Quick start guide	x 1
3.	USB power adapter (5V, 2A)	x 1
4.	RCA audio cable	x 1
5.	USB Type-C cable	x 1
6.	Optical audio cable	x 1
7.	2.5 mm to 3.5 mm trigger out converter	x 1



3. Technical Specifications

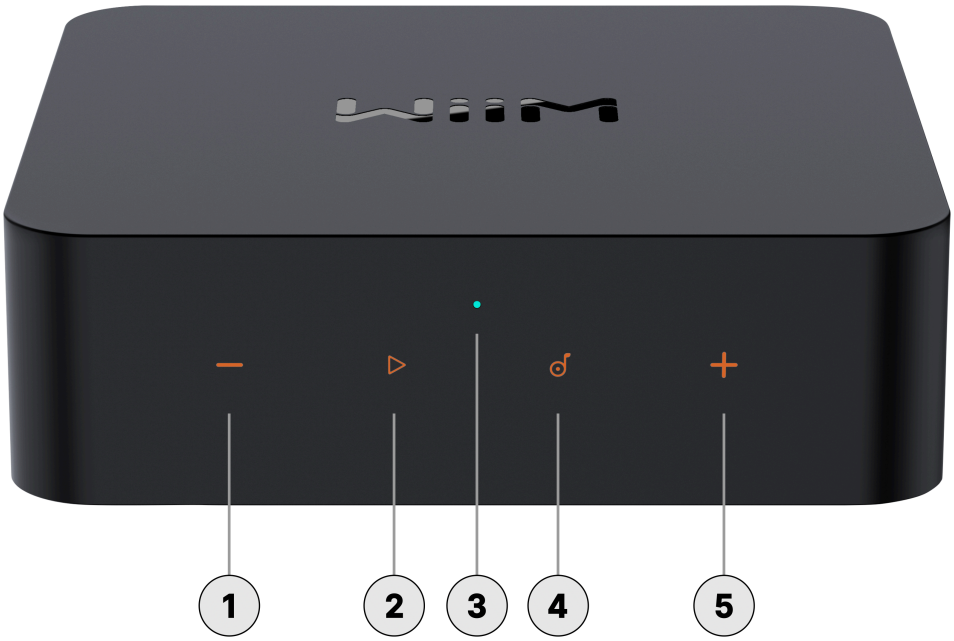
Category	Specification
Audio Amplification	No
Main Purpose	Connected to an amplifier or powered speaker for streaming
Pair with a Sub	Only with WiiM Sub models (e.g., WiiM Sub Pro)
USB Port (Storage/Audio Out)	No
Wireless Connectivity	802.11 b/g/n/ac, 2.4 GHz and 5 GHz dual-band Wi-Fi
Bluetooth	BT 5.0
Ethernet	10/100M Ethernet
DAC IC	TI Burr-Brown PCM5121
Frequency Response	20Hz-45kHz 20Hz-20k (±0.1dB)
Analog Out SNR	106 dB
THD+N (Analog Out)	-92 dB (0.0025%)
Google Cast Audio	Yes
Group with Nest Speakers and Display	Yes
Group with Echo Speakers and Display	Yes

Alexa Multi-room with UHD	Yes
Group with HomePods	Yes
Work with Alexa	Yes
Works with Google	Yes
Works with Siri	Yes
Group with WiiM Devices	Yes
AirPlay 2	Yes
2-Way Bluetooth	Yes
Roon Ready	Yes
DLNA	Yes
Spotify Connect & TIDAL Connect	Yes
Gapless Playback	Yes
10-band Graphic and Parametric EQ	Yes
RoomFit™ Room Correction	Yes
WiiM Music Streaming Platform	Yes
CPU	Quadcore A53
DRAM	512 MB

Flash	512 MB
Audio Input Ports	1 x Line In: • 1 Vrms • Analog signal, converted to digital via ADC (48 kHz/24-bit)
	1 x SPDIF In: • Up to 192kHz/24-bit • Supports Stereo PCM (Dolby Digital and DTS are not supported)
Audio Output Port	1 x Line Out
	1 x SPDIF Out (up to 192 kHz/24-bit)
	1 x Coax Out (up to 192 kHz/24-bit)
12V Trigger Out	2.5 mm jack
LED	Three-color status LED - Red, Green, and White
Control	Capacitive touch buttons: • Play/Pause • Volume + • Volume - • Preset
Weight	11.6 oz (330g)
Dimension	5.5 x 5.5 x 1.6 in (140 x 140 x 42 mm)
Power Input	USB Type-C: requires 5V, 1.5A or higher Bundled USB power adapter: 5V, 2A

4. Controls, Interfaces, and Lights

4.1. Front Panel Controls and Lights



Each numbered control or light on the front panel is explained below:

1	**Volume –**	Press to decrease volume.
2	**Play/Pause**	• Press once to start or pause playback. • Press and hold for 3 seconds to enter setup mode. • Press and hold for 10 seconds to restore to the factory setting.
3	**Status LED**	A three-color LED (RGW) indicator to display the operational status of the WiiM Pro. For more information, see LED Status Lights.
4	**Preset**	Tap to play a preset. Tap repeatedly to cycle through all presets.

		Press to increase volume.
5	**Volume +**	Press and hold the **Volume +** and **Volume –** buttons together for 2 seconds to initiate Bluetooth pairing. For more information, see Audio Input via Bluetooth.

4.2. Back Panel Interfaces

Each numbered interface on the back panel is explained below:

1	**Line In**	Connects to external audio sources such as CD players, audio players, and TVs for analog audio input.
2	**Line Out**	Outputs analog audio, ideal for connecting to an external amplifier, powered speakers, or audio receiver.
3	**12V Trigger Out**	2.5 mm port for cable connection to your amplifier for automated power control. Consult your amplifier's user guide for specifics on utilizing its 12V trigger input.

4	**Power Input**	USB Type-C power plug (5V, 2A) This USB Type-C interface is for power input only. It does not support USB storage or USB audio input/output.
5	**MIC**	Used to auto-measure the audio path latency for multi-room sync (i.e., AirPlay 2, Alexa MRM, Google Cast MRM, WiiM MRM, etc.). The MIC is engaged only during latency measurement.
6	**Optical In**	Connects to external audio sources, such as a TV or PC, for digital audio input. It supports audio input of up to 192 kHz/24-bit.
7	**Optical Out**	Outputs high-quality digital audio up to 192 kHz/24-bit with low jitter.
8	**Coax Out**	Outputs digital audio up to 192 kHz/24-bit with low jitter.
9	**LAN**	10/100Mbps Ethernet port

4.3. LED Status Lights

LED Color/Pattern		**State**
Fast Flashing White		Boot-up
Slow Flashing White		OOBE/Ready to setup
Slow Flashing Green		Bluetooth ready to pair

Fast Flashing White and Green		Connecting to Wi-Fi
Solid White		Connected to Wi-Fi
Solid Green		Bluetooth mode, paired
Solid Light Green		Line-in mode
Solid Orange		SPDIF-in mode
Slow Flashing White and Green		OTA update
Slow Flashing White and Red		Restore to factory settings
Solid Yellow		No network
Slow Flashing Red		Hardware error

5. How to Get Started

Before using your WiiM Pro, follow these main steps to set it up:

1. Connect the WiiM Pro to your audio device.
2. Power on the WiiM Pro.
3. Download and install the WiiM Home app on your mobile device.
4. Use the WiiM Home app to connect the WiiM Pro to your network.
5. Configure the WiiM Pro in the WiiM Home app to suit your preferences.

By completing these steps, your WiiM Pro will be ready for use. The following sub-chapters will provide detailed instructions for each step.

5.1. Connect the WiiM Pro's Audio Output

The WiiM Pro features three distinct audio output interfaces:

- Analog Line Out
- Digital Optical Out
- COAX Out

Besides audio output via the above physical interfaces, the WiiM Pro can also output audio via Bluetooth. For detailed instructions, see Audio Output via Bluetooth.

- The WiiM Pro is designed to output audio through a single one of these audio output interfaces.
- Selecting the appropriate audio output port is crucial to ensure sound output. Incorrect selection may result in no audio.
- For bit-perfect audio output, opt for the digital audio output and activate the **Fixed Volume Output**, disable EQ and mono audio in the WiiM Home app's device settings.
- You have two ways to control the volume of your system:
    - Utilize your AVR or amplifier for volume control (When the **Fixed Volume Output** is set on the WiiM Pro).
    - Control volume through the WiiM Home app, but remember to disable the **Fixed Volume Output** for this option.

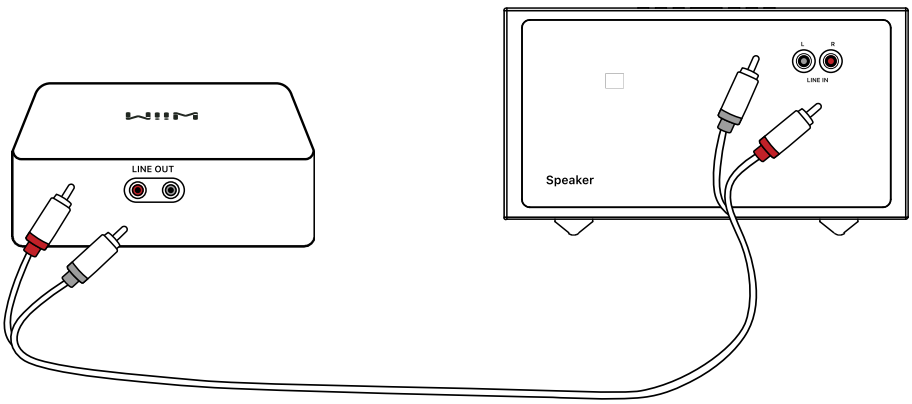
5.1.1. Line Out (Powered Speakers, Amplifiers, AV Receivers)

The **Line Out** interface on the WiiM Pro is typically used to connect to the external audio equipment, e.g., powered speakers, amplifiers, or AV receivers to output high-quality analog audio playback.

Cable Requirement: Use an RCA stereo cable as below:

Cable Connection Steps:

1. Connect the red and white RCA connectors on one end of the cable to the corresponding **Line Out** ports on the WiiM Pro.
2. Connect the red and white RCA connectors on the other end of the cable to the corresponding **Line In** ports on your external device.



5.1.2. Optical Out (Soundbars, DACs, or AV Receivers)

The **Optical Out** interface on the WiiM Pro is typically used to connect to the external device, e.g., soundbars, DACs, or AV receivers, to output digital audio playback.

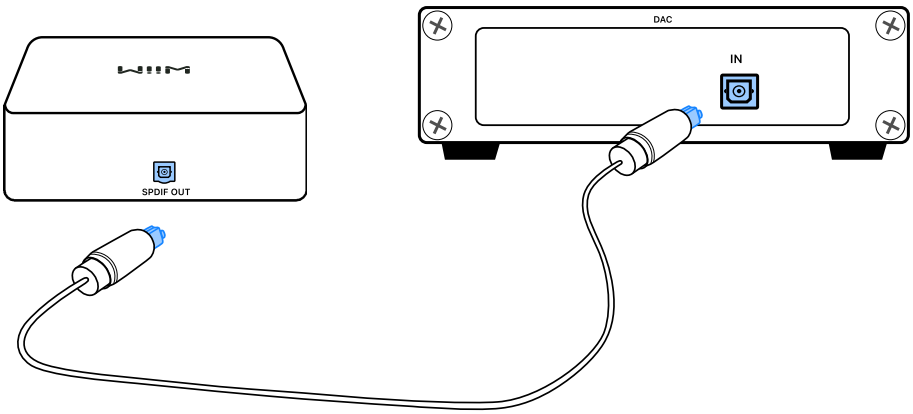
Cable Requirement: Use a TOSLINK optical cable as below:

Cable Connection Steps:

1. Plug one end of the optical cable into the **Optical Out** port on the WiiM Pro.

   > Please ensure the insertion direction of the optical cable matches the port. Incorrect insertion may damage the optical door.

2. Plug the other end of the cable into the **Optical In** port of your external device.



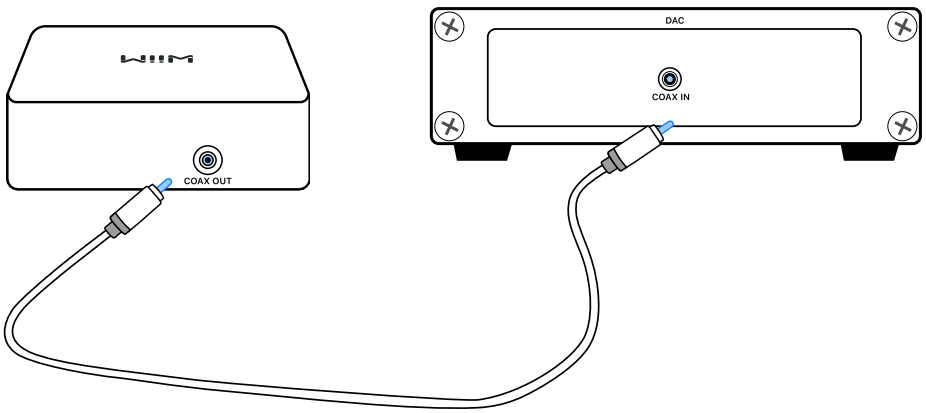
5.1.3. COAX Out (DACs, AV Receivers, or Amplifiers)

The **COAX Out** interface on the WiiM Pro is typically used to connect to the external device, e.g., DACs, AV receivers, or amplifiers supporting coaxial input.

Cable Requirement: Use a Coaxial digital audio cable with 75-ohm impedance as below:

Cable Connection Steps:

1. Plug one end of the coaxial cable to the **COAX Out** port on the WiiM Pro.
2. Plug the other end of the cable to the **COAX In** port of your external device.



5.2. Connect the WiiM Pro's Audio Input

The WiiM Pro features two distinct audio input interfaces:

- Analog Line In
- Digital Optical In

This versatile device functions as a network audio transmitter through Wi-Fi or Ethernet. You have the capability to stream analog audio input from sources such as CD players, vinyl players, TVs, or computers to other WiiM devices, either individually or in multiple combinations.

In addition to physical input interfaces mentioned above, you can also stream audio from an external device (e.g., smartphones or tablets) to the WiiM Pro via Bluetooth. For detailed instructions, see Audio Input via Bluetooth.

- The **Optical In** interface on the WiiM Pro only supports PCM audio format. Please ensure that the audio source device connected to the WiiM Pro is set to output audio in **PCM** format. Otherwise, you may not hear sound.
- You can also enable the Auto-sensing feature on the WiiM Pro to automatically play your **Line In** or **Optical In** source when the WiiM Pro detects a signal. You can enable this feature from the WiiM Home app.
- The WiiM Pro has a built-in EQ to process the audio input based on your taste. You can also control the audio volume using the WiiM Home app remotely without altering the input source volume.
- Some source devices may require a preamp. For example, some turntables do not have a built-in preamp, so you will need to connect your turntable to an external preamp first, and then connect the preamp to the WiiM Pro.

5.2.1. Line In (CD Player, Turntable with a Built-in Preamp, or PC)

The **Line In** interface on the WiiM Pro is typically used to connect to a CD Player, Turntable with a built-in preamp, or PC to receive analog audio input.

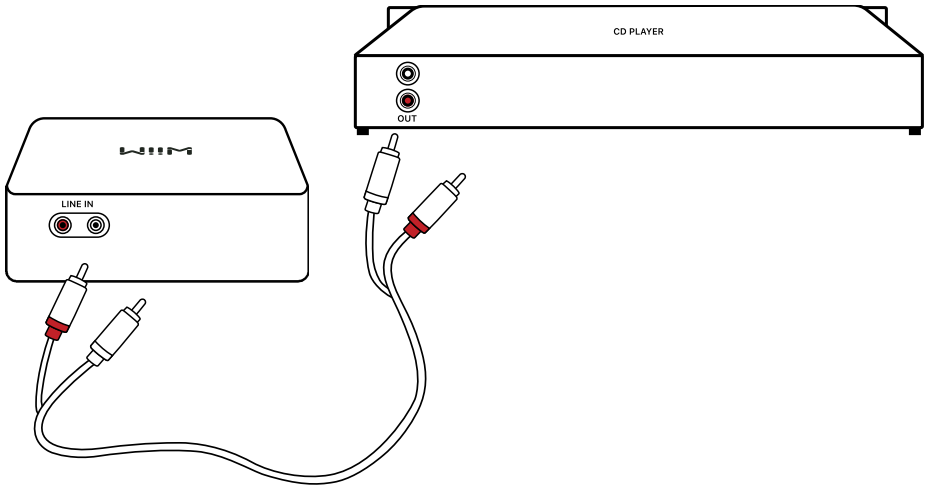
Cable Requirement: Use one of the following two types of cables.

- An RCA-to-RCA cable as below:

- An Aux-to-RCA cable as below:

Cable Connection Steps:

1. Plug RCA connectors on one end of the cable into the **Line In** port on the WiiM Pro.
2. Plug the other end of the cable into the **AUX Out** or **Line Out** port on your audio source (CD player, turntable, TV, or PC).



5.2.2. Optical In (TV or PC)

The **Optical In** interface on the WiiM Pro is typically used to connect to a TV or PC to receive audio input.

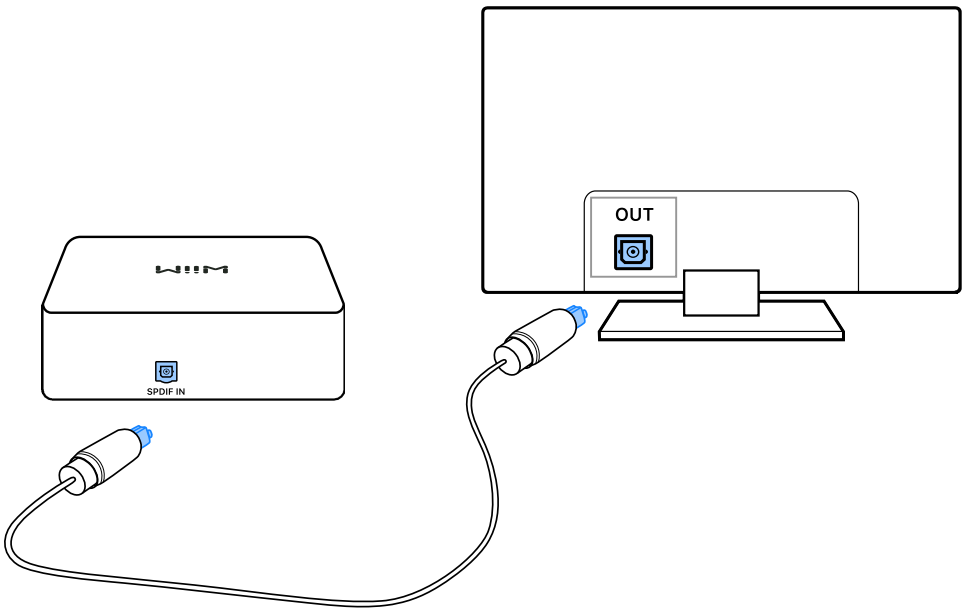
Cable Requirement: use a TOSLINK optical cable as below:

Cable Connection Steps

1. Plug one end of the optical cable into the **Optical In** port on the WiiM Pro.

> Please ensure the insertion direction of the optical cable matches the port. Incorrect insertion may damage the optical door.

2. Plug the other end of the cable into the **Optical Out** port on the TV or PC.



> The **Optical In** interface on the WiiM Pro only supports **PCM** audio format (not **Dolby** or **DTS**). Please ensure that the audio source device connected to the WiiM Pro is set to output audio in **PCM** format. Otherwise, you may not hear sound.

5.3. Use 12V Trigger Out

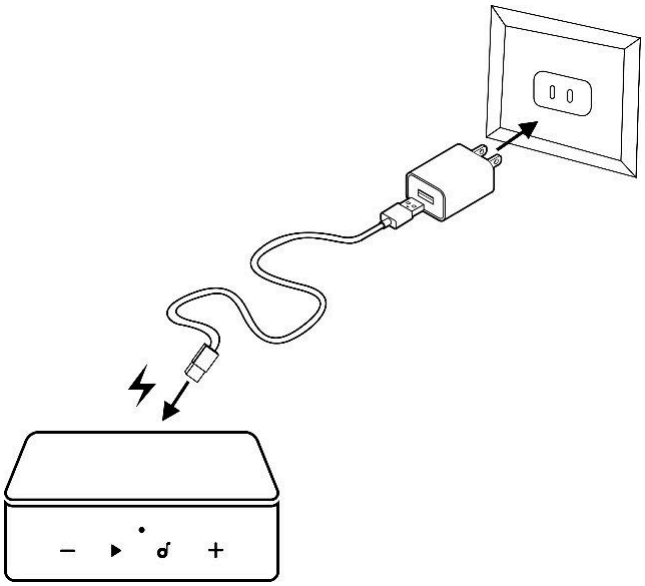
You can use the **12V Trigger Out** port (2.5 mm) on the WiiM Pro to automatically power on or off external audio devices, such as amplifiers or DACs, based on the WiiM Pro's status.

To achieve this, connect the **12V Trigger Out** port on the WiiM Pro to the **12V Trigger In** port on the external audio device using a compatible cable.

For more information, refer to How to Use the 12V Trigger Out.

5.4. Power On the WiiM Pro

Please use the provided USB power adapter (5V, 2A) and USB Type-C cable to power your WiiM Pro. If you want to use your own linear power supply, please ensure it can provide at least 5 V and 1.5 A.



After powering on the WiiM Pro, wait 30 seconds for it to fully boot up before starting the setup process.

5.5. Download and Install the WiiM Home App

- For an iOS or Android device, scan the following QR code to download the app:

- The PC version is also available for Windows and macOS. Download it here.

5.6. Set Up the WiiM Pro

You can set up the WiiM Pro via Wi-Fi or Ethernet using the WiiM Home app. If you choose to connect via Wi-Fi, make sure you have the network password ready. This will ensure a smooth and efficient setup process.

- The WiiM Pro cannot use Ethernet and Wi-Fi at the same time. When an Ethernet cable is plugged in, the WiiM Pro switches to Ethernet. If the cable is unplugged, it reconnects to the configured Wi-Fi network.
- Ensure your mobile device and WiiM Pro are on the same network so the app can discover the WiiM device.

If you use an iOS device, you can also use the Apple Wireless Accessory Configuration (WAC) protocol or the Apple Home app to set up the WiiM Pro.

5.6.1. WiiM Pro Setup via Wi-Fi Using the WiiM Home App

1. Open the WiiM Home app on your smartphone or tablet.
2. When the **Set Up** pop-up appears in the app, tap it to start the setup.

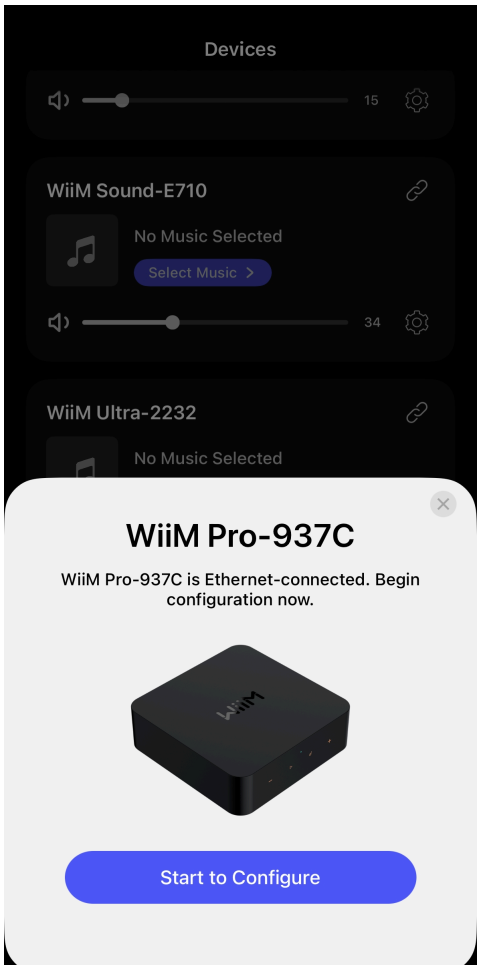
If your WiiM device doesn't appear automatically, go to the **Devices** tab and tap **Add Device** in the top-right corner to trigger the setup page.

3. Follow the on-screen instructions to complete the setup process.

For details, see How to Set Up Your WiiM Pro.

5.6.2. WiiM Pro Setup via Ethernet Using the WiiM Home App

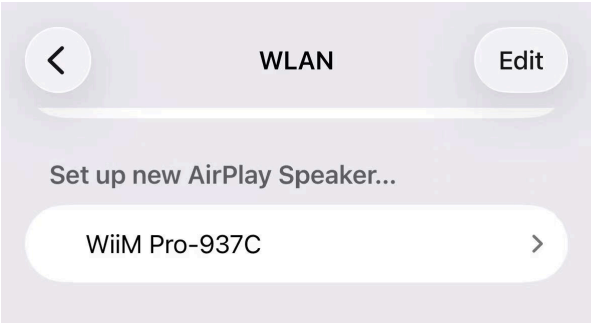
1. Connect an Ethernet cable to the WiiM Pro.
2. Open the WiiM Home app on your smartphone or tablet.
3. When the **Start to Configure** pop-up appears in the app, tap it to start the setup.



4. Follow the on-screen instructions to complete the setup.

5.6.3. WiiM Pro Setup Using Apple WAC

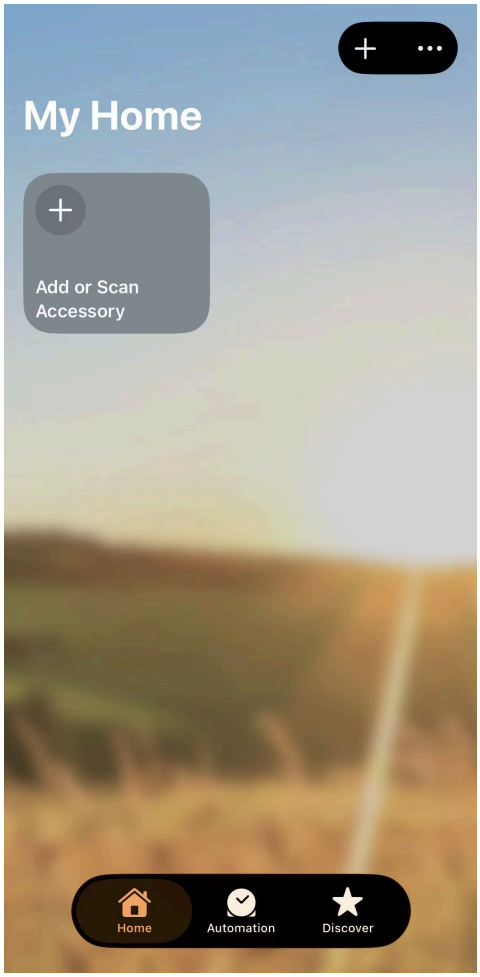
1. Open the **Settings** app on your iOS device.
2. Tap the **WLAN** option.
3. Select the WiiM Pro under the **Set up new AirPlay Speaker...** section.



4. Follow the on-screen instructions to complete the setup.

5.6.4. WiiM Pro Setup Using Apple Home App

1. Open the Home app on your iOS device.



2. Tap the **+** icon in the top-right corner of the screen. A new menu will pop up.
3. Select the **Add or Scan Accessory** option from the menu.
4. Select **More options...** in orange.
5. Choose the WiiM Pro from the list.
6. Follow the on-screen instructions to complete the setup.

For details, see How to Add a WiiM Device to the Apple Home App.

5.7. Configure the WiiM Pro in the WiiM Home App

Once the WiiM Pro is set up, configure it in the WiiM Home app, including settings for audio input, audio output, room correction, and EQ adjustments.

For detailed instructions, see WiiM Pro Configuration.

5.8. Fill Your Home with Sound

Now, play music from your favorite audio sources, including a TV, amplified turntable, CD player, or MP3 player. Alternatively, enjoy seamless streaming of your favorite music and radio stations over Wi-Fi or Bluetooth.

The WiiM Pro can be grouped with other WiiM devices to create a synchronized music experience across your home. You can further expand your listening experience by grouping the WiiM Pro with AirPlay 2-enabled, Alexa-enabled, or Google Cast-enabled devices, enabling a seamless multi-room audio system. For more information, see Multi-room Audio and Stereo Pairing.

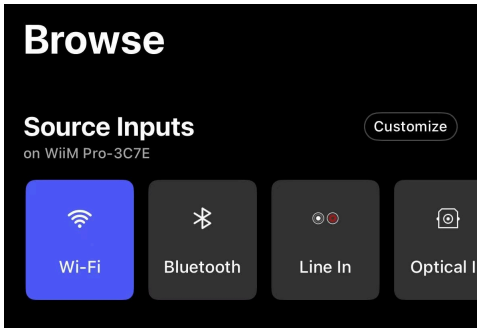
6. WiiM Pro Configuration

6.1. Select an Audio Input

The WiiM Pro supports multiple audio inputs. You can select an audio input using any of the following methods.

Option 1: From the Browse Tab in the WiiM Home app

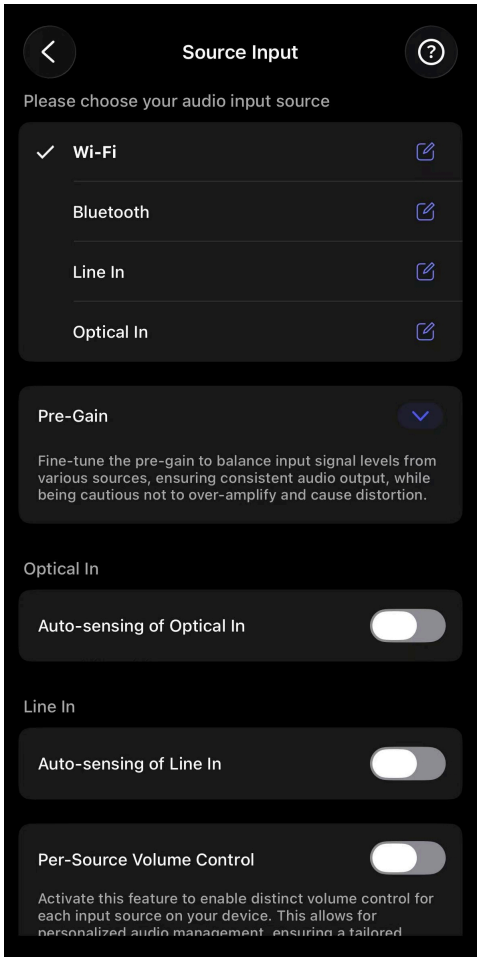
1. Open the WiiM Home app.
2. Go to the **Browse** tab, then select an audio input.



Option 2: From Device Settings in the WiiM Home app

1. Open the WiiM Home app.
2. Go to the **Devices** tab > **Device Settings** of the WiiM Pro.
3. Select **Source Input**.

4. Select an audio input source and adjust related settings.



Option 3: Using the WiiM Remote

Simply press the **Source Switch** button on the remote to select an audio input.

> The WiiM Pro package does not include the WiiM Remote. You need to purchase it separately.

You can also customize the input source list to keep frequently used sources visible, making it easier to switch between input sources. For details, see Edit Input Sources in the WiiM Home App.

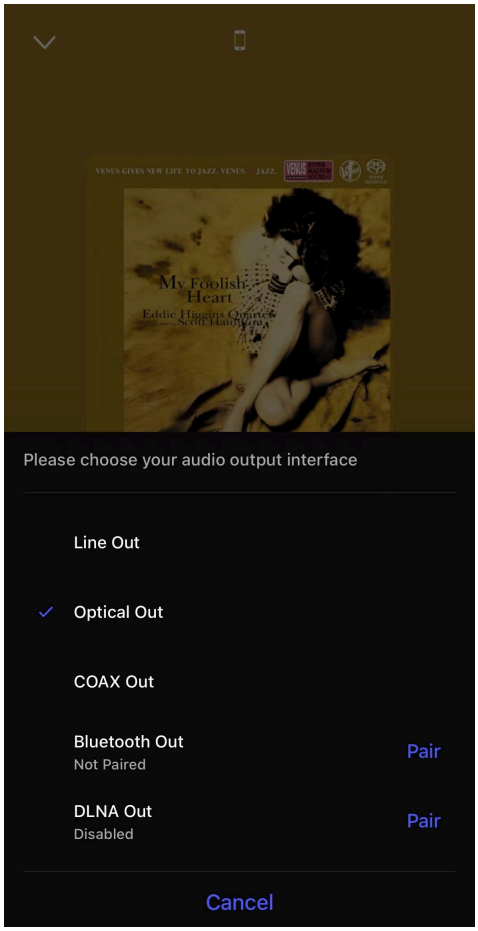
6.2. Select an Audio Output

The WiiM Pro supports multiple audio outputs. You can select an audio output using any of the following methods.

Option 1: From Now Playing in the WiiM Home app

1. Open the WiiM Home app.
2. Go to the **Now Playing** page.

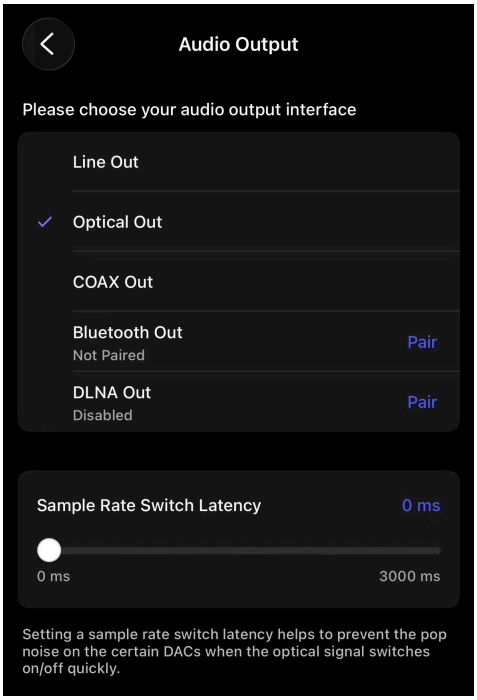
3. Select an audio output at the bottom.



Option 2: From Device Settings in the WiiM Home app

1. Open the WiiM Home app.
2. Navigate to the **Devices** tab.
3. Tap the **Device Settings** icon ⚙ of the WiiM Pro.

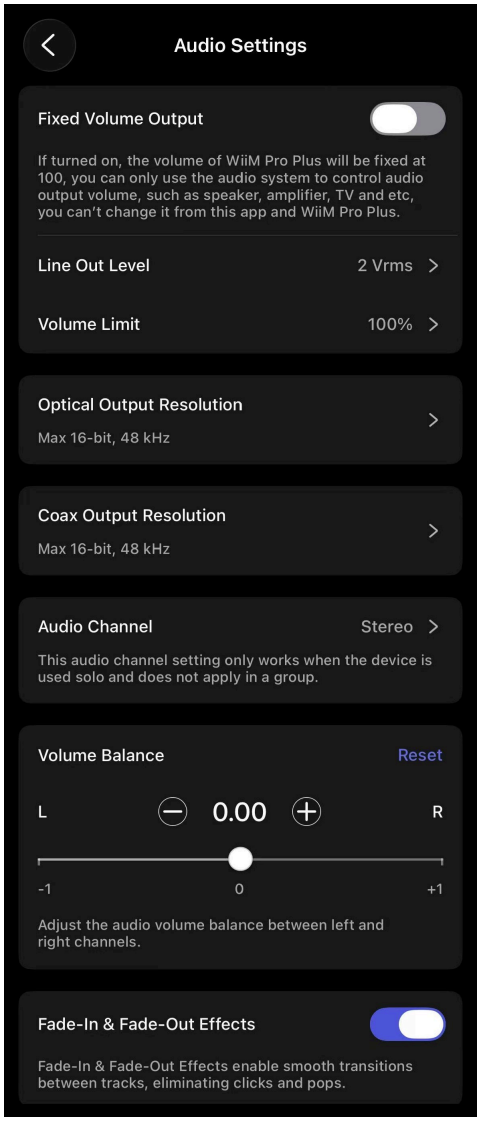
4. Choose **Audio Output**, then select an output.



6.3. Adjust Audio Settings

1. Open the WiiM Home app.
2. Go to the **Devices** tab > **Device Settings** .
3. Select **Audio Settings**.

4. Adjust audio settings depending on your preference.



6.4. RoomFit™ Room Correction

You can use the RoomFit™ Room Correction feature in the WiiM Home app to enhance audio quality by adapting to your room's unique acoustic properties. This feature minimizes unwanted audio issues such as echoes, reflections, and standing waves, delivering a more balanced and accurate listening experience.

For detailed instructions, see RoomFit™ Guide.

6.5. Equalizer (EQ)

You can enhance your audio experience with the **Per-Source EQ** feature in the WiiM Home app.

Choose from 24 preset EQ settings for quick adjustments, utilize the 10-band Graphic EQ (GEQ) for intuitive control, or fine-tune your sound with the 10-band Parametric EQ (PEQ) for precise and detailed customization.

GEQ lets you adjust fixed frequency bands visually while PEQ lets you adjust specific frequencies, bandwidth, and gain for advanced customization. For detailed instructions, see EQ Guide.

7. Audio Input/Output via Bluetooth

7.1. Audio Input via Bluetooth

With Bluetooth, you can stream audio from an external device, such as a smartphone or tablet, to the WiiM Pro.

To start streaming, first pair your external device with the WiiM Pro:

1. Initiate Bluetooth pairing mode on the WiiM Pro using either of the following methods:
    - **Option 1: Switching to Bluetooth Input**

      Switch the audio input to Bluetooth using the **WiiM Home app** or the **WiiM Remote**. The WiiM Pro will automatically enter pairing mode if no device is currently connected.
    - **Option 2: Using the WiiM Remote**

      Press and hold the **Play** button on the WiiM Remote for 3 seconds to manually enter pairing mode.

      > The WiiM Pro package does not include the WiiM Remote. You need to purchase it separately.
    - **Option 3: Using Volume Buttons**

      Press and hold the **Volume +** and **Volume -** buttons on the WiiM device together for 2 seconds to initiate pairing mode.
2. Open the Bluetooth settings on your external device and select the WiiM Pro from the available device list to connect.

> Bluetooth audio input supports A2DP and AVRCP profiles, with SBC and AAC audio codecs.

For detailed instructions, see Bluetooth Pairing with WiiM Devices.

7.2. Audio Output via Bluetooth

The WiiM Pro supports Bluetooth output, allowing you to stream audio to external Bluetooth devices such as speakers, headphones, and earphones.

Follow these steps to pair the WiiM Pro with your Bluetooth device:

1. Put your Bluetooth device into pairing mode.
2. In the WiiM Home app, select **Audio Output**, then tap **Pair** next to **Bluetooth Out**. For details, see Select an Audio Output.
3. When your Bluetooth device appears in the device list, select it to complete the pairing process.

8. Voice Control

Navigate and control the WiiM Pro with voice commands to search, play, stop, or skip music and more.

The WiiM Pro supports the following voice control services:

- **Siri**

  Refer to Using Siri to Play Music on Your WiiM Device for instructions.

- **Alexa**

  Refer to How to Use Alexa with Your WiiM Device for instructions.

- **Google Assistant**

  Refer to How to Control WiiM Device via Google Assistant for instructions.

9. Direct Control via Your Favorite App

You can stream from your favorite apps directly to your WiiM Pro with the following approaches.

Depending on your mobile devices and music service, there may be multiple ways to stream from your music app to WiiM devices. For example, if you use the Spotify app on an iOS device, you can use either Spotify Connect or AirPlay 2. However, Spotify Connect gives you better audio quality compared with AirPlay 2 and liberates your phone for other tasks.

9.1. Spotify Connect

Spotify Connect is a way of playing Spotify through your wireless-compatible device over Wi-Fi or Ethernet. This eliminates the need to pair your device via Bluetooth each time you want to listen.

Spotify Connect is controlled from a smartphone, tablet or PC that functions as a remote control. Both free and premium accounts are supported. For more information, visit Spotify Connect. Using Spotify Connect ensures the best audio quality and streaming experience on the WiiM Pro.

How to Use Spotify Connect

1. Launch the Spotify app on your mobile device.
2. Play a song and go to the **Now Playing** screen.
3. Tap the **Speaker** icon in the bottom-left corner.
4. Select your WiiM device from the list.

For detailed instructions, see How to Stream Music via Spotify Connect.

Multi-room

To use Spotify Connect for multi-room, follow these instructions:

1. Group multiple WiiM devices in the WiiM Home app. For instructions, see WiiM Multi-room Audio.
2. Stream Spotify to the grouped WiiM devices.

Group Naming Convention

The group name follows this format:

"<group lead device name> +<number of follower devices>"

For example, if you create a group where the group lead device name is "**Bedroom**" and there are **3** follower devices, the group name is "**Bedroom +3**".

License Information

The Spotify Software is subject to third-party licenses found here: https://www.spotify.com/connect/third-party-licenses

9.2. TIDAL Connect

TIDAL is a global music streaming platform bringing fans closer to artists through unique experiences and the highest sound quality. Stream your favorite music seamlessly from the TIDAL app straight to your devices in the highest possible quality.

TIDAL Connect allows you to stream music from the TIDAL app to compatible devices. It's similar to Spotify Connect in that it lets users stream music to connected devices from within the app. This means you can use your smartphone or computer as a controller to play music on the WiiM Pro.

How to Use TIDAL Connect

1. Launch the TIDAL app on your mobile device.
2. Play a song and go to the **Now Playing** screen.
3. Tap the **Speaker** icon in the top-right corner.
4. Select your WiiM device from the list.

For detailed instructions, see How to Stream Music via TIDAL Connect.

Multi-room

To use TIDAL Connect for multi-room, follow these instructions:

1. Group multiple WiiM devices in the WiiM Home app. For instructions, see WiiM Multi-room Audio.
2. Stream TIDAL music to the grouped WiiM devices. The group name will match the group lead device.

9.3. AirPlay 2

With the support of AirPlay 2, the WiiM Pro turns your speaker into an AirPlay 2-enabled speaker to stream the music you love from iOS, Mac, and PC devices or stream audio from Apple TV. It’s an easy and affordable way to connect your Apple devices to your favorite audio equipment and upgrade it to an AirPlay 2 receiver.

How to Use AirPlay 2

AirPlay 2 lets you stream music from your iOS, Mac, PC, and Apple TV to the WiiM Pro over Wi-Fi or Ethernet.

For instructions, refer to How to Stream Audio with AirPlay on WiiM Devices.

AirPlay 2 Multi-room Audio

For instructions, refer to AirPlay 2 Multi-room Audio.

- To use AirPlay 2, you need an Apple device running iOS 11.4 or later.
- Your Apple device and WiiM device must be connected to the same Wi-Fi network.
- For more information about AirPlay 2, visit https://www.apple.com/airplay.

9.4. Alexa Cast

Alexa Cast is a feature that allows you to play and control music on any of your Alexa devices from your app (iOS or Android). You can discover all your Alexa devices from your music app. Your devices do not need to be on the same Wi-Fi network as your mobile device. You can target any device from anywhere. Once you pick a target device, the music you selected on your app will start playing on the chosen device. You can control playback from the app. The app functions as a remote control.

WiiM Pro and Alexa Cast

The WiiM Pro supports Alexa Cast with bit-perfect output up to 24-bit/192 kHz. You can stream Ultra HD music directly from the native app to the WiiM Pro, delivering the highest possible audio quality.

How to Use Alexa Cast

1. **Log In**: Ensure you are logged into your Alexa account on the WiiM Home app.
2. **Update**: Have the latest version of the app.
3. **Cast Music**: On the **Now Playing** screen, tap the **Casting** icon in the top right.
4. **Select Device**: Choose the WiiM Pro from the list.

For detailed instructions, see How to Stream Music via Alexa Cast.

Control Options

- **Voice Control**: Use voice commands to control music on the device.
- **App Control:** Switch between voice and app control for convenience.
- **Stop Casting:** To stop casting and resume playing on your phone, open the device list and tap the **Disconnect** button.

Alexa Multi-room Audio

Alexa can also be used for multi-room audio, allowing you to play music in sync on multiple speakers from compatible brands and the WiiM Pro using the Alexa app.

For detailed instructions, see Alexa Multi-room Audio.

9.5. Google Cast Audio

Google Cast audio allows you to instantly stream your favorite music, radio, or podcasts from Google Cast-enabled apps on your mobile device to your speakers over Wi-Fi or Ethernet.

Setting Up Google Cast

1. **Enable Google Cast:**
    - Once you have set up the WiiM Pro, enable Google Cast from the WiiM Home app.
2. **Stream Music:**
    - Open a compatible app (e.g., Spotify, Apple Music, TIDAL, YouTube Music, Deezer) on your mobile device and tap the **Cast** button.
    - Select the WiiM Pro and start streaming audio.
3. **Use Chrome Browser:**
    - Cast any audio from your Chrome browser by selecting the **Cast** option in the menu.

Google Cast Multi-room Audio

Google Cast can also be used for multi-room audio, allowing you to play music in sync on multiple speakers from compatible brands and WiiM Pro using the Google Home app.

For detailed instructions, see Google Cast Multi-room Audio.

9.6. DLNA

DLNA (Digital Living Network Alliance) sets standards for home networking devices to communicate and share media files seamlessly. The WiiM Pro is a DLNA-compatible digital media renderer (DMR).

How It Works

When connected to the same network as your other DLNA devices or apps, the WiiM Pro automatically appears in the menus of these networked components. Your computer and other media devices will discover and recognize the WiiM Pro without any additional setup.

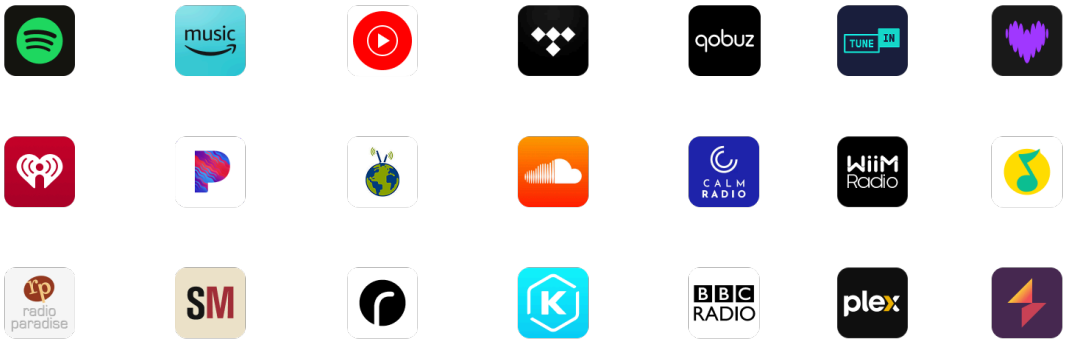
Controlling and Streaming

You can control the WiiM Pro from other DLNA digital media players or controllers. Additionally, you can stream content from DLNA digital media servers directly to the WiiM Pro, with no extra configuration required.

For detailed instructions, see How to Stream Music from Your DLNA Server to WiiM.

10. All Music in One App

With the free WiiM Home app, you can control your content and WiiM devices from one place. The app supports many popular music streaming services such as Spotify, YouTube Music, iHeartRadio, TIDAL, SoundCloud, Qobuz, Pandora, Deezer, Tune In, and more.



The WiiM Home app offers the following features:

- **Stream from Any Source**: Enjoy seamless playback from streaming services, NAS, or other connected storage.
- **All-in-One Control**: Manage your music services and devices effortlessly in a single app for complete, centralized control.
- **Customized Listening Experience**: Tailor your listening experience with adjustable EQ settings, sleep timers, and scheduled music alarms.
- **Effortless Discovery**: Instantly find and save your favorite tracks using WiiM's universal search, scanning through all your music sources.
- **Whole Home Music**: Enjoy multi-room audio by grouping devices for synchronized playback or play different music on each speaker.
- **Built-in Support Center Access**: Quickly access our Support Center directly within the app, giving you instant assistance whenever you need it.

For more information, refer to WiiM Home App User Manual.

11. Multi-room Audio and Stereo Pairing

With the WiiM Pro, it's easy to build your wireless multi-room sound system with other AirPlay 2 speakers, Echo (or Alexa built-in devices) or Google Home. You can create an even more flexible multi-room sound system with multiple WiiM devices and your existing audio devices.

- Alexa and Google Cast multi-room must be set up using the Alexa app and Google Home app, respectively.
- Alexa and Google Cast multi-room features support network-based music services only.
- To enable multi-room audio for other input sources, such as **Line In**, **Optical In**, or **Bluetooth**, the multi-room group must consist exclusively of WiiM devices.

11.1. WiiM Multi-room Audio

With our proprietary multi-room technology, the WiiM Pro supports all types of its audio inputs —**Wi-Fi**, **Ethernet**, **Bluetooth**, **Line In**, and **Optical In**—as sources for your multi-room system.

For example, to set up a multi-room system with the **Line In** source input, follow the steps below:

1. Insert the RCA-to-RCA cable into the **Line In** port on the WiiM Pro.
2. Connect the other end of the cable to the **Line Out** port on your source device, e.g. a record player.

3. Open the WiiM Home app.
4. Go to the **Browse** tab, then select **Line In** as the audio source.
5. Go to the **Devices** tab and select the WiiM Pro connected to your source device.
6. Tap the **Group** icon in the upper right corner of the device box.
7. Choose other desired WiiM devices to include in the multi-room audio group.

Now, the music from the connected device will play across your multi-room music group.

You can follow the same procedure to set up a WiiM multi-room system with any other source input supported by your WiiM device.

For detailed instructions, see How to Use WiiM Multi-Room Music.

11.2. WiiM Stereo Pairing

In addition, you can group two devices as a stereo pair for a wider, more immersive sound stage. This feature supports all input options, ensuring compatibility with virtually every music listening preference.

To use stereo pairing, follow the steps below:

1. Set up two WiiM devices.
2. Open the WiiM Home app.
3. Select a WiiM and tap the **Group** icon in the upper right corner.
4. Select the other WiiM device, then tap **Done**.
5. Tap the LR icon and set the two WiiM devices to **L** and **R**, respectively.
6. Go to the **Browse** tab, then select your music to play.

11.3. AirPlay 2 Multi-room Audio

For instructions, refer to How to Add Multi-room Audio to Your WiiM Devices with AirPlay.

11.4. Alexa Multi-room Audio

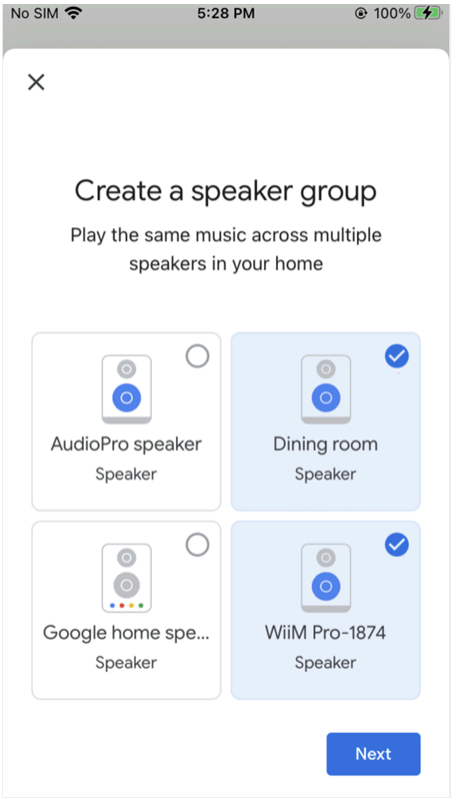
1. Open the Alexa app on your smartphone or tablet.
2. Tap **Devices** at the bottom of the screen.
3. Tap the **+** icon in the top right corner of the screen.
4. In the menu that appears, choose **Combine speakers,** then select **Multi-room music**.
5. Select the **Echo** and WiiM devices you want to include in your multi-room music setup, then tap **Next**.
6. Assign a group name for the multi-room music setup (e.g., "Bedroom").
7. Follow the on-screen prompts to complete the setup.

When used with Echo or other compatible devices, the WiiM Pro functions as an audio receiver and cannot transmit its physical audio inputs (e.g., **Line In**, **Optical In**) to these devices over Wi-Fi.

11.5. Google Cast Multi-room Audio

You can group the WiiM Pro with other Google Home or Google Cast-enabled devices to play the same music on all devices via the Google Home app.

1. Open the Google Home app.
2. Tap the **+** icon in the top left corner.
3. Tap **Create speaker group** to create a speaker group.
4. Select the devices that are on the same network.



5. Assign a name to your group (e.g., "Living Room").
6. Stream music to the group.

When used with Google Cast audio devices, the WiiM Pro functions as an audio receiver and cannot transmit its physical audio inputs (e.g., **Line In**, **Optical In**) to these Google Cast audio devices.

12. Advanced Features

12.1. Firmware Updates

The WiiM Pro supports both automatic and manual firmware updates to ensure you always have the latest features, performance improvements, and bug fixes.

By default, the WiiM Pro automatically checks for new firmware. When a new version is detected, it will update within 24 hours after entering standby mode. You can also start the update immediately through the WiiM Home app.

If you prefer a more stable setup, automatic updates can be delayed in the app, giving you full control over when firmware changes are applied.

For more details, see How to Update Firmware on Your WiiM Device.

12.2. Use Ethernet Instead of Wi-Fi

When an Ethernet cable is connected, the WiiM Pro will automatically switch off Wi-Fi to use the Ethernet network.

To confirm the active connection:

1. Open the WiiM Home app.
2. Go to the **Devices** tab and tap the **Device Settings** icon of the WiiM Pro.
3. Select **Network Status** to view the current network connection.

13. FAQ and Support

13.1. FAQ

If you experience problems with the audio streamer, try these solutions first:

- **What can I do if my device has Wi-Fi connection issues during setup?**

  Please see Troubleshooting: How to Resolve Wi-Fi Connection Issues During WiiM Setup for step-by-step solutions.

- **What can I do if my WiiM Home app can't find the device?**

  Please follow these steps to resolve the issue:

  - Make sure your network is available and the device is powered on properly.
  - Check the LED on the device is solid white.
  - Make sure your smartphone/tablet and WiiM Pro are connected to the same Wi-Fi network.
  - Make sure you have the latest version of the WiiM Home app on your device.
  - Try restarting your smartphone/tablet, WiiM Pro, and router.
  - If the app still cannot find the device, reconfigure the device to the network.

  For details, see Troubleshooting: WiiM Device Not Found in WiiM Home App for step-by-step solutions.

- **What can I do if my device has no sound?**

  Please check the following:

  - **Volume Levels**: Ensure that the WiiM Pro's volume is turned up in the WiiM Home app.
  - **Audio Source**: Confirm that the correct audio source is selected in the WiiM Home app.
  - **Audio Output**: Confirm that the correct audio output is selected in the WiiM Home app.
  - **Physical Connections**: Verify that physical connections between the WiiM Pro and your audio source device are plugged in correctly and securely.

  For more instructions, refer to Fix No Sound Issues on Your WiiM Device.

- **What can I do if I experience audio dropout or no sound on network streaming?**

  Please follow these steps to resolve the issue:

  - **Check the music app**: Ensure the progress bar in the music app is moving during playback.
  - **Check network connectivity**: Ensure the signal of your WiiM Pro and your streaming device is strong. Move the WiiM Pro closer to your wireless router or access point to improve the signal strength.

- **Restart your network devices**: Power cycle your router, modem, WiiM Pro, and any streaming devices. This simple step can often resolve connectivity issues.
- **Update firmware and software**: Ensure that your WiiM Pro and all devices involved in the streaming have the latest firmware and software updates installed.
- **Reset the WiiM Pro**: As a last resort, you can try performing a factory reset on your WiiM Pro and set it up again.

- **What can I do if I experience audio dropout or no sound on AirPlay 2?**

  If you experience no sound with AirPlay 2 but audio works with other services, follow these steps to resolve the issue:

  - **Check the music app**: Ensure the progress bar in the music app on your streaming device (e.g., iPhone, iPad, Mac) is moving during playback.
  - **Check network connectivity**: Ensure the signal of your WiiM Pro and your streaming device is strong. Move the WiiM Pro closer to your wireless router or access point to improve the signal strength.
  - **Restart your network devices**: Power cycle your router, modem, WiiM Pro, and any streaming devices. This simple step can often resolve connectivity issues.
  - **Update firmware and software**: Ensure that your WiiM Pro and all devices involved in the streaming have the latest firmware and software updates installed. Additionally, update your streaming device (e.g., iPhone, iPad, Mac) to the latest version of iOS, iPadOS or macOS.
  - **Reset the WiiM Pro**: As a last resort, you can try performing a factory reset on your WiiM Pro and set it up again.

- **How can I reset my device?**

  Press and hold the **Play/Pause** button on the WiiM Pro for 10 seconds until you hear the voice prompts of "Restore to factory setting".

  Factory reset clears all source, volume, and network settings for the WiiM Pro and returns it back to the original factory settings.

- **What can I do if my device cannot power on normally?**

  Please check the following:

  - Check the device LED and ensure it is on.
  - Ensure the original power cable is used.

13.2. Support

If you are unable to resolve your issue, please follow one of the methods below to reach out to us for assistance:

- **WiiM Home App**: Go to **More** > **Feedback and Tickets** to submit a ticket. You will receive an email response from WiiM Support within 24 hours.
- **FAQ website**: https://faq.wiimhome.com/en/support/solutions
- **Email**: support@wiimhome.com

14. Public Network Interfaces and Services

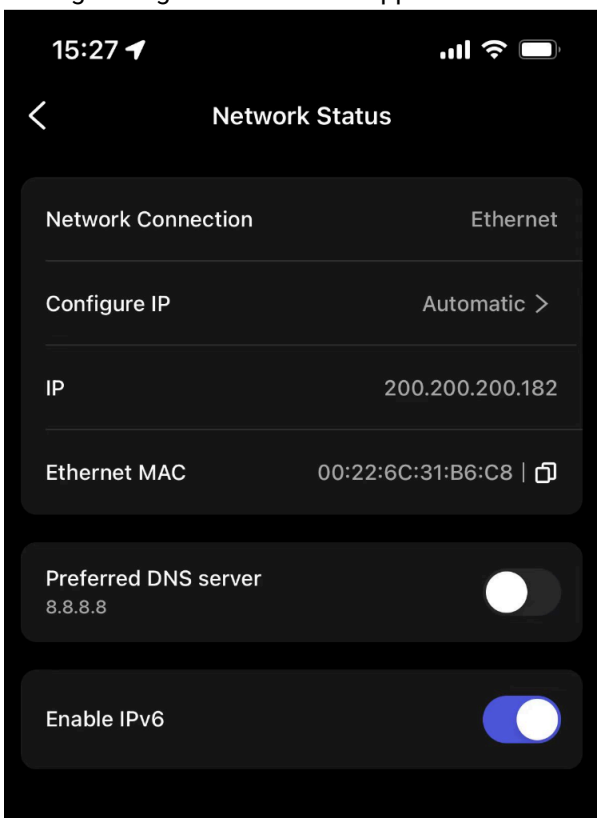
This chapter describes the public network interfaces (LAN, Wi-Fi, and Bluetooth) on the WiiM Pro and the services they support.

14.1. LAN Interface

The LAN interface allows the device to connect to a wired network via an Ethernet cable, providing a stable and high-speed connection for reliable streaming and control.

When connected via Ethernet, the WiiM Pro will automatically disable the Wi-Fi connection to prioritize the wired network. If the Ethernet cable is disconnected, the device will automatically reconnect to the Wi-Fi network.

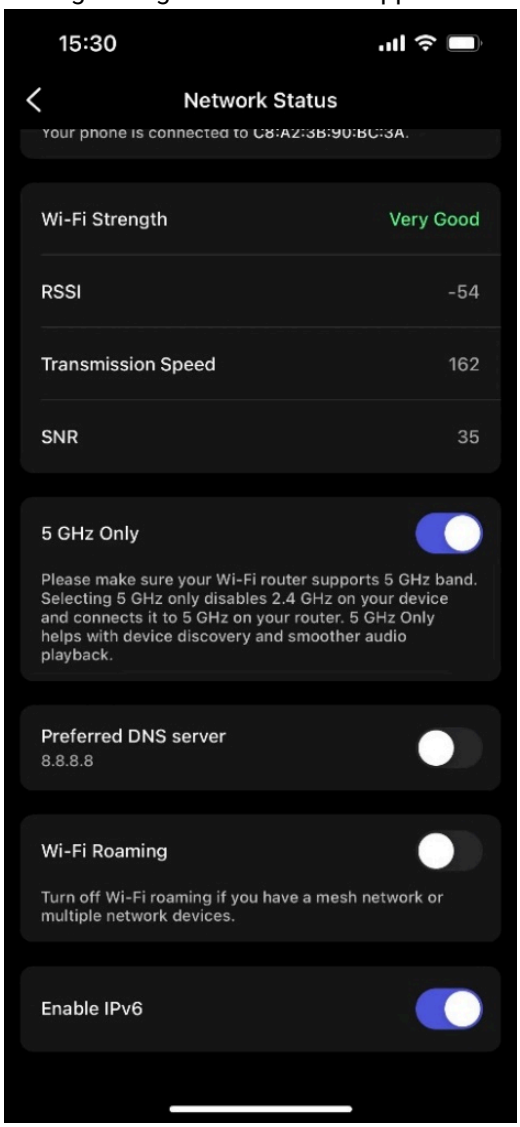
- **Physical Port**: An RJ-45 Ethernet port (10/100 Mbps).
- **Supported Protocols/Services**:
- **DHCP**: By default, when connecting the WiiM Pro to the LAN using an Ethernet cable, the device will automatically configure the network connection via DHCP (Dynamic Host Configuration Protocol) to obtain an IP address.
- **mDNS**: Allows the WiiM Pro to be discovered within the local network.
- **UPnP/DLNA**: Enables media sharing and control with compatible devices.
- **Configuration**: Once connected, you can view the connection status and adjust network settings using the WiiM Home app.



14.2. Wi-Fi Interface

The Wi-Fi interface allows the device to connect to a wireless network, providing flexible setup and streaming options without the need for a wired connection.

- **Supported Standards**: IEEE 802.11a/b/g/n/ac (2.4GHz and 5GHz bands)
- **Supported Protocols/Services**:
- **Wi-Fi Client Mode**: By default, the WiiM Pro is set to Wi-Fi Client Mode, automatically connecting to a known Wi-Fi network.
- **AP Mode**: Allows the WiiM Pro to be set up via Wi-Fi. The AP mode is automatically enabled when the WiiM Pro enters setup mode.
- **mDNS**: Allows the WiiM Pro to be discovered within the local network.
- **UPnP/DLNA**: Enables media sharing and control with compatible devices.
- **Configuration**: Once connected via Wi-Fi, check connection status and modify Wi-Fi settings using the WiiM Home app.



14.3. Bluetooth Interface

The Bluetooth interface is used for both Wi-Fi setup and audio streaming.

- **Supported Protocols/Services**: Bluetooth 5.0 LE (A2DP Sink and A2DP Source)
- **BLE Broadcasting**: BLE broadcasting is automatically enabled during Wi-Fi setup, allowing the WiiM Home app to discover the device and connect it to the Wi-Fi network. For details, see WiiM Pro Setup via Wi-Fi Using the WiiM Home App.
- **A2DP Sink**: Supports receiving audio streams from mobile devices for audio playback via Bluetooth.
- **A2DP Source**: Outputs audio to Bluetooth speakers or headphones for wireless audio streaming.
- **Configuration**: Bluetooth pairing is required for audio streaming. For details, see Audio Input/Output via Bluetooth.

15. Important Safety Instructions

IMPORTANT: RETAIN FOR FUTURE REFERENCE, READ CAREFULLY

1. Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions.
2. Do not use this apparatus near water.
3. Clean only with a dry cloth.
4. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
5. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
6. Only use attachments/accessories specified by the manufacturer.
7. Unplug this apparatus during lightning storms or when unused for long periods of time.
8. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as external power supply, power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
9. To reduce the risk of fire or electrical shock, do NOT expose this product to rain, liquids or moisture.
10. Do NOT expose this product to dripping or splashing, and do not place objects filled with liquids, such as vases, on or near the product.
11. Keep the product away from fire and heat sources. Do NOT place naked flame sources, such as lighted candles, on or near the product.
12. Do NOT make unauthorized alterations to this product.
13. Do NOT use in vehicles or boats.
14. Use this product only with the power supply provided.
15. Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
16. Due to ventilation requirements, does not recommend placing the product in a confined space such as in a wall cavity or in an enclosed cabinet.
17. Contains small parts which may be a choking hazard. Not suitable for children under age 3.
18. This product contains magnetic material. Consult your physician on whether this might affect your implantable medical device.
19. Do not place or install the bracket or product near any heat sources, such as fireplaces, radiators, heat registers, or other apparatus (including amplifiers) that produce heat.

16. CE/FCC/IC/TELEC Statements

FCC/IC Statement

RF Exposure Information: The equipment complies with FCC/IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. The equipment should be installed and operated with a minimum distance of 20 cm between the radiator & your body.

This device complies with Part 15 of the FCC Rules and contains license-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

For radio equipment operating in the 5150-5850 MHz band

High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage to LE LAN (Licence-Exempt Local Area Network) devices. No configuration controls are provided for this wireless equipment allowing any change in the frequency of operations outside the FCC grant of authorization for US operation according to Part 15.407 of the FCC rules.

The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems; for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit; for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate.

Énoncé d'exposition aux rayonnements FCC/IC

L'équipement est conforme aux limites d'exposition aux rayonnements FCC/IC RSS-102 établies pour un environnement non contrôlé. L'équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Les radars de puissance élevée sont attribués comme utilisateurs principaux des fréquences de 5,25 à 5,35 GHz et Bandes de 5,65 à 5,85 GHz. Ces stations radar peuvent causer des interférences avec Et/ou dommages aux périphériques LE LAN (réseau Local exempté de licence). Non non Des contrôles de configuration sont fournis pour cet équipement sans fil permettant toute Modification de la fréquence des opérations en dehors du FCC octroi d'autorisation Pour les opérations américaines conformément à la partie 15.407 des règles de la FCC.

Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux; le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la limite de p.i.r.e.; le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5725-5850 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.

CE Statement

RF exposure information: The Maximum Permissible Exposure (MPE) level has been calculated based on a distance of d=20 cm between the device and the human body. To maintain compliance with RF exposure requirements, use the product in a way that maintains a 20 cm distance between the device and the human body.

Do not use the device in environments with extremely high or low temperatures.

Never expose the device to strong sunlight or excessively humid environments.

The suitable temperature for the product and accessories is 0°C-40°C.

Operating frequency range and maximum transmit power

Bluetooth: 2402 MHz ~ 2480 MHz, <9.11 dBm EIRP

WLAN 2.4 GHz: 2412 MHz ~ 2472 MHz, <20 dBm EIRP

WLAN 5 GHz: 5150 MHz ~ 5725 MHz, <20 dBm EIRP

5745 MHz ~ 5825 MHz, <13.98 dBm EIRP

This product can be used across EU member states

AT	BE	BG	CH	CY	CZ	DE	DK
EE	EL	ES	FI	FR	HR	HU	IE
IS	IT	LI	LT	LU	LV	MT	NL
PL	PT	RO	SE	SI	SK	TR	UK(NI)
UK							

The device for operation in the band 5150-5350 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

EU Regulatory Conformance

Hereby, Linkplay Technology Inc. Corporation declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

For the declaration of conformity, see wiimhome.com/wiimPro/Doc_RED.

CE

TELEC Statements

According to radio law, the 5.2/5.3/6 GHz band is limited to indoor use. 電波法により5.2/5.3/6 GHz帯は屋内使用に限ります.